

SNOHOMISH – SNOHOMISH ODD-YEAR PINK

STOCK STATUS

| | |
|-------------------------------|-------------------------------|
| 1992 STATUS Healthy | 2002 STATUS Healthy |
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STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

| YEAR | TOTAL ESCAPEMENT |
|------|------------------|
| 1987 | 152,418 |
| 1989 | 80,149 |
| 1991 | 174,000 |
| 1993 | 100,000 |
| 1995 | 101,600 |
| 1997 | 103,537 |
| 1999 | 237,057 |
| 2001 | 1,073,369 |
| 2003 | 1,392,568 |



Data are total wild spawner escapement estimates based on a comparison of carcass counts from the mainstem Snohomish and Skykomish rivers and live spawner curves from the Wallace River and Elwell Creek to data from 1959, 1961, and 1963 when the escapements were estimated by mark-and-recapture. Sunset Falls trap counts are included.

The Snohomish odd-year pink salmon stock is rated **Healthy** in 2002. The escapements of this stock have been very stable, showing a slight increasing trend over the last 40 years with a very high value in 2001. This stock experiences moderate inter-annual variability, which is characteristic of many other Puget Sound pink stocks.

STOCK DEFINITION

Snohomish pink salmon were identified as a stock based on their distinct spawning distribution, run timing (odd-numbered years), and genetic composition.

SPAWNING DISTRIBUTION: Most spawning takes place in the mainstem Snohomish, Skykomish, Snoqualmie rivers and in larger tributaries such as Wallace, Sultan, Pilchuck, Beckler, and Tolt rivers. Spawning also occurs in Woods, Elwell, McCoy, Olney, Proctor, Deer, Lewis, Bridal Veil, and Cherry creeks.

SPAWNING TIMING: Spawning generally occurs from late September through October in odd-numbered years.

GENETIC ANALYSIS: Allozyme analysis has shown Snohomish odd-year pinks to be genetically distinct from all other Washington pink stocks examined (Shaklee 2001).

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STOCK ORIGIN

This is a **native** stock with **wild** production.